

843 Response to Request for Quotation

Functional Group ID=**RR**

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set. The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

For the purpose of Y2K compliancy, all dates will employ a bridging (windowing or 49/50 rule) application. Bridging is a technique in which a date of 00 - 49 is considered to reference the year 2000, and a year of 50 - 99 is considered to reference the 1900 year.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/time/period	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		

843 - Response to Request for Quotation

Not Used	250	TD3	Carrier Details (Equipment)	O	12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	280	CTB	Restrictions/Conditions	O	5
LOOP ID - N9					1000
Not Used	290	N9	Reference Number	O	1
Not Used	300	MSG	Message Text	O	1000
LOOP ID - N1					200
	310	N1	Name	O	1
	320	N2	Additional Name Information	O	2
	330	N3	Address Information	O	2
	340	N4	Geographic Location	O	1
Not Used	350	REF	Reference Numbers	O	12
	360	PER	Administrative Communications Contact	O	3
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	25

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1					100000	
	010	PO1	Purchase Order Baseline Item Data	O	1	
Not Used	020	CUR	Currency	O	1	
	030	PO3	Additional Item Detail	O	25	
Not Used	040	CTP	Pricing Information	O	25	
Not Used	049	MEA	Measurements	O	40	
LOOP ID - PID					1000	
	050	PID	Product/Item Description	O	1	
	060	MEA	Measurements	O	10	
Not Used	070	PWK	Paperwork	O	25	
	080	PKG	Marking, Packaging, Loading	O	25	
	090	PO4	Item Physical Details	O	1	
	100	REF	Reference Numbers	O	12	
Not Used	110	PER	Administrative Communications Contact	O	3	
Not Used	120	SSS	Special Services	O	25	
Not Used	130	ITA	Allowance, Charge or Service	O	10	
Not Used	140	IT8	Conditions of Sale	O	1	
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	

843 - Response to Request for Quotation

	180	FOB	F.O.B. Related Instructions	O	1	
Not Used	190	SDQ	Destination Quantity	O	50	
	200	DTM	Date/time/period	O	10	
	210	LDT	Lead Time	O	12	
	220	SCH	Line Item Schedule	O	104	n2
Not Used	230	FST	Forecast Schedule	O	5	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
Not Used	290	CTB	Restrictions/Conditions	O	5	
					LOOP ID - CST	
					100	
Not Used	300	CST	Cost Analysis	O	1	
Not Used	310	PID	Product/Item Description	O	1	
Not Used	320	CUR	Currency	O	1	
Not Used	330	DTM	Date/Time/Period	O	2	
					LOOP ID - SLN	
					1000	
Not Used	340	SLN	Subline Item Detail	O	1	
Not Used	350	PID	Product/Item Description	O	1000	
					LOOP ID - CST	
					100	
Not Used	360	CST	Cost Analysis	O	1	
Not Used	370	PID	Product/Item Description	O	1	
Not Used	380	CUR	Currency	O	1	
Not Used	390	DTM	Date/Time/Period	O	2	
					LOOP ID - N9	
					1000	
Not Used	400	N9	Reference Number	O	1	
Not Used	410	MSG	Message Text	O	1000	
					LOOP ID - N1	
					200	
Not Used	420	N1	Name	O	1	
Not Used	430	N2	Additional Name Information	O	2	
Not Used	440	N3	Address Information	O	2	
Not Used	450	N4	Geographic Location	O	1	
Not Used	460	REF	Reference Numbers	O	12	
Not Used	470	PER	Administrative Communications Contact	O	3	
Not Used	480	FOB	F.O.B. Related Instructions	O	1	
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	510	TD3	Carrier Details (Equipment)	O	12	
Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	530	PKG	Marking, Packaging, Loading	O	25	

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			843 X12.8 Response to Request for Quotation	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	

Segment: **BQR** Beginning Segment for Response to Request for Quotation
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If BQR05 is present, then BQR04 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BQR01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			<i>Use code 00 for all original quotations; code 01 when cancelling a quotation; code 02 when adding data to a previously transmitted quote; code 03 when deleting data from a previously transmitted quote; code 04 when changing data in a previously transmitted quote; and code 07 when sending a duplicate quote.</i>	
			00	Original
			01	Cancellation
			02	Add
			03	Delete
			04	Change
			07	Duplicate
Must Use	BQR02	586	Request for Quote Reference Number	M AN 1/45
			Number assigned by the purchaser to identify his request for quote	
Must Use	BQR03	652	Request Quotation Control Date	M DT 6/6
			Date to be used for reference purposes in an RFQ and a response to RFQ.	
	BQR04	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time	
			098	Bid (Effective)
	BQR05	373	Date	O DT 6/6
			Date (YYMMDD)	
			<i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
	BQR06	379	Bid Type Response Code	O ID 2/2
			Code indicating the type of response to the request for bid or quote	
			<i>1. If code AB or code UQ is used, explain in NTE segment following</i>	

this segment.

2. An alternate bid (code AB) shall only be used to provide variations in volume or packaging. It is not to be used for a quote on an equal or substitute item unless the item description explicitly allows equivalent products.

AB	Alternate Bid
BI	Bid Without Exception
UQ	Unable to Quote

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Floating
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		GEN Entire Transaction Set	
Must Use	NTE02	3 Free Form Message	M AN 1/60
		Free-form text	
		<i>If code AB or code UQ is used in BQR06, NTE02 is used to explain.</i>	

Segment: **CUR** Currency

Position: 040

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

- Syntax Notes:**
- 1 If CUR08 is present, then CUR07 is required.
 - 2 If CUR09 is present, then CUR07 is required.
 - 3 If CUR11 is present, then CUR10 is required.
 - 4 If CUR12 is present, then CUR10 is required.
 - 5 If CUR14 is present, then CUR13 is required.
 - 6 If CUR15 is present, then CUR13 is required.
 - 7 If CUR17 is present, then CUR16 is required.
 - 8 If CUR18 is present, then CUR16 is required.
 - 9 If CUR20 is present, then CUR19 is required.
 - 10 If CUR21 is present, then CUR19 is required.

Semantic Notes:

- Comments:**
- 1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver).

CUR*BY*CAD* N/L

Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.

- 2 CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L
 - 1 2 3 4

1. Identifies the buyer's (BY) currency as U.S. dollars (USD).
2. The multiplier (1.20) is the exchange rate factor for the conversion.
3. Identifies the seller's (SE) currency as Canadian dollars (CAD).
4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400).

The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item

would be:

The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CUR01	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity or a physical location.	
			<i>Use code BY for the government and code SE for the contractor.</i>	
			BY Buying Party (Purchaser)	
			SE Selling Party	
Must Use	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	Exchange Rate	O R 4/6
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity or a physical location.	
			<i>Use code BY for the government and code SE for the contractor.</i>	
			BY Buying Party (Purchaser)	
			SE Selling Party	
	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR06	669	Currency Market/Exchange Code	O ID 3/3
			Code identifying the market upon which the currency exchange rate is based	
			<i>Use any code.</i>	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	CUR07	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time	
			<i>Use code 007 for the date/time the cited rate will be effective (start) and code 036 for the date/time the cited rate will cease to be effective (stop).</i>	
			007 Effective	
			036 Expiration	
			Date coverage expires	
	CUR08	373	Date	O DT 6/6
			Date (YYMMDD)	

All dates specified herein employ the bridging (windowing or 49/50 rule) application.

	CUR09	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	CUR10	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	CUR11	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	CUR12	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	CUR13	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	CUR14	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	CUR15	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	CUR16	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	CUR17	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	CUR18	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	CUR19	374	Date/Time Qualifier	C ID 3/3
			Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	CUR20	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	CUR21	337	Time	O TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Notes: *One iteration of this segment is required to provide the Price Quote number, code PR.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
Code qualifying the Reference Number.			
<p><i>1. When REF01 is code CR or CT there must be an iteration of the DTM segment, code 036 to provide the expiration date of the schedule or contract cited. Failure to provide this date, will require the buying activity to send a follow up message. Use code CR for the Federal Supply Schedule.</i></p> <p><i>2. When REF01 is code CR, REF02 will carry the number of the Federal Supply Schedule in which the quoted item can be found.</i></p> <p><i>3. When REF01 is code CT, it will represent a contract other than a supply schedule, known to the quoter, from which the quoted item can be ordered. Give the contract number in REF02 and explain the nature of the contract in REF03, if necessary.</i></p> <p><i>4. REF01 must contain one iteration using code PR so that any response can reference the quoting party's quotation number.</i></p> <p><i>5. Code 65 may optionally be used for the transactions Unique Tracking Number (UTN).</i></p>			
		65 Total Order Cycle Number	
		CR Customer Reference Number	
		CT Contract Number	
		PR Price Quote Number	
REF02	127	Reference Number	C AN 1/30
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
REF03	352	Description	C AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	FOB F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	<ol style="list-style-type: none"> 1 If FOB03 is present, then FOB02 is required. 2 If FOB04 is present, then FOB05 is required. 3 If FOB07 is present, then FOB06 is required. 4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 FOB01 indicates which party will pay the carrier. 2 FOB02 is the code specifying transportation responsibility location. 3 FOB06 is the code specifying title passage location. 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Notes:	<i>Use only when quoting other than FOB destination.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		DF Defined by Buyer and Seller	
	FOB02	309 Location Qualifier	C ID 1/2
		Code identifying type of location	
		<i>1. Use code ZZ when the FOB point is other than the origin or destination. (e.g., intermediate point).</i>	
		<i>2. FOB destination is assumed unless specified otherwise.</i>	
		OR Origin (Shipping Point)	
		ZZ Mutually Defined	
	FOB03	352 Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>When FOB02 is code ZZ, use FOB03 to explain the nature of the other location.</i>	
Not Used	FOB04	334 Transportation Terms Qualifier Code	O ID 2/2
		Code identifying the source of the transportation terms	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB05	335 Transportation Terms Code	C ID 3/3
		Code identifying the trade terms which apply to the shipment transportation responsibility	

			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB06	309	Location Qualifier	C ID 1/2
			Code identifying type of location	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB08	54	Risk of Loss Qualifier	O ID 2/2
			Code specifying where responsibility for risk of loss passes	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB09	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	
Comments:	1 If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.
Notes:	<i>If no discount is applicable to the quotation, or if the terms are Net, 30 days, do not transmit this segment.</i>

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		<i>Use code 08 only.</i>	
		08 Basic Discount Offered	
ITD02	333	Terms Basis Date Code	O ID 1/2
		Code identifying the beginning of the terms period	
		<i>Any applicable code can be used.</i>	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
ITD03	338	Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
ITD04	370	Terms Discount Due Date	C DT 6/6
		Date payment is due if discount is to be earned	
		<i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
ITD05	351	Terms Discount Days Due	C N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used	ITD06	446 Terms Net Due Date	O DT 6/6
		Date when total invoice amount becomes due	
	ITD07	386 Terms Net Days	O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)	
	ITD08	362 Terms Discount Amount	O N2 1/10
		Total amount of terms discount	

<i>Used so that rounding-off methodology will not be a factor.</i>				
Not Used	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	Deferred Amount Due Deferred amount due for payment	C N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	C R 1/5
Not Used	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	C N0 1/2
	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/1
<i>This data element will normally not be used in DoD applications.</i>				
Refer to 003010 Data Element Dictionary for acceptable code values.				

Segment: **DTM** Date/time/period
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Notes: *Quoted delivery date will be provided in this segment as an actual date or in the LDT segment as a set number of calendar days after receipt of order. If the latter is used, omit this segment.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			<i>1. Use code 036 to indicate the expiration date of a Federal Supply Schedule or contract.</i>	
			<i>2. Use code 001 when the quoter wants to extend the quote expiration date beyond a 30-day time from the effective date of the quote, as specified in BQR05.</i>	
			<i>3. Use code 075, the delivery date being quoted, when the quoted delivery date will be less than the required delivery date specified in the RFQ, applies to the whole order and the delivery date is not defined in the LDT segment.</i>	
		001	Cancel After	
		036	Expiration	
			Date coverage expires	
		075	Promised for Delivery (Prior to and Including)	
	DTM02	373	Date	C DT 6/6
			Date (YYMMDD)	
			<i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
Not Used	DTM03	337	Time	C TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the	

codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment: **LDT** Lead Time
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes:
Comments: 1 LDT04 is the effective date of lead time information.
Notes:

1. This segment should be used when the quoted delivery dates will be less than the required delivery date specified in the RFQ. In this case, use code "AF" for Quoted Delivery Date.
2. Quoted delivery date will be provided in this segment as a set number of days after receipt of order or in the DTM segment as an actual date. If the latter is used, omit this segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LDT01	345 Lead Time Code Code indicating the time range AF From date of PO receipt to delivery	M ID 2/2
Must Use	LDT02	380 Quantity Numeric value of quantity	M R 1/10
Must Use	LDT03	344 Unit of Time Period or Interval Code indicating the time period or interval DA Calendar Days	M ID 2/2
Not Used	LDT04	373 Date Date (YYMMDD)	O DT 6/6

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 2 PWK07 may be used to indicate special information to be shown on the specified report.
 3 PWK08 may be used to indicate action pertaining to a report.

Notes: 1. Use this segment to indicate which CERTS and REPS, if any, and other paperwork will be transmitted electronically with this response to an RFQ (e.g., if PWK segment in 840 transaction set imposes such a requirement).
 2. When the total amount of the quote exceeds \$10,000, this segment is **REQUIRED**.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PWK01	755	Report Type Code	M ID 2/2
			Code indicating the title and/or contents of a document or report.	
			1. Use FD when report is provided electronically with the response to the RFQ.	
			2. When the quote (AMT02) exceeds \$10,000, there must be at least one iteration of the PWK segment using code FD.	
			FD Federal Specification Compliance	
Must Use	PWK02	756	Report Transmission Code	M ID 2/2
			Code defining timing, transmission method or format by which reports are to be sent	
			EL Electronically Only	
Not Used	PWK03	757	Report Copies Needed	O N0 1/2
			The number of copies of a report that should be sent to the addressee	
	PWK04	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity or a physical location.	
			1. REQUIRED when AMT02 exceeds \$10,000.	
			2. Codes are used to certify if quoter is a manufacturer, distributor, or a regular dealer in accordance with the terms of the Walsh-Healy Act.	
			DL Dealer	
			DS Distributor	
			MF Manufacturer of Goods	

Not Used	PWK05	66	Identification Code Qualifier	C ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	PWK06	67	Identification Code	C ID 2/17
			Code identifying a party.	
	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content <i>Use to make additional certifications and/or representations that may have been required by the terms of the RFQ to which this transmission is responding.</i>	
Not Used	PWK08	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required Refer to 003010 Data Element Dictionary for acceptable code values.	

- Segment:** **PKG** **Marking, Packaging, Loading**
- Position:** 220
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** 25
- Purpose:** To describe marking, packaging, loading, and unloading requirements
- Syntax Notes:**
- 1 If PKG04 is present, then PKG03 is required.
 - 2 At least one of PKG04 or PKG05 is required.
- Semantic Notes:**
- Comments:**
- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
 - 2 PKG01 relates only to PKG04 and PKG05. When PKG01 is "F", PKG04 is not used.
 - 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
 - 4 PKG04 should be used for industry-specific packaging description codes.
 - 5 Special marking or tagging data can be given in PKG05 (description).
- Notes:**
1. *A table might be required to convert DoD to ASC X12 packaging codes.*
 2. *Segment is not used when the packaging is as requested, if special packaging requirements were indicated in the RFQ.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	PKG01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
		F	Free-form	
		S	Structured (From Industry Code List)	
	PKG02	753	Packaging Characteristic Code	O ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described	
			<i>1. Use any code.</i>	
			<i>2. Use code 35 for Unitizing; code 36 for Pack/Preservation; and code 37 for Packing.</i>	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PKG03	559	Agency Qualifier Code	C ID 2/2
			Code identifying the agency assigning the code values	
		DD	Department of Defense	
			Responsible for Military Specification	
	PKG04	754	Packaging Description Code	C ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
	PKG05	352	Description	C AN 1/80

A free-form description to clarify the related data elements and their content

When PKG04 carries a code indicating that the item is packed differently than required by the RFQ, explain in PKG05.

Segment: **N1** Name
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Notes: *When N101 is code SE or ZZ, then N101, N103 and N104 are required to be used in lieu of using the balance of the N1 and the N2-N4 segments. When N101 is code AG, either the CAGE code or the long-line address may be used.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity or a physical location.	
			<i>1. Use code ZZ when certifying that you are a small business for the SIC code(s) that is (are) carried in PO108 of the 840 transaction set being responded to.</i>	
			<i>2. Use code SE in all other cases.</i>	
			<i>3. In another iteration of the N1 loop, use code AG to indicate that you are bidding on behalf of a company named in a previous iteration of the N1 loop.</i>	
		AG	Agent/Agency	
		RI	Remit To	
		SE	Selling Party	
		ZZ	Mutually Defined	
	N102	93	Name	C AN 1/35
			Free-form name	
	N103	66	Identification Code Qualifier	C ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			<i>Code 33 is the CAGE Code. Use code ZZ to qualify a temporary CAGE Code assigned during the registration process when a CAGE Code is not yet assigned.</i>	
		33	Commercial and Government Entity (CAGE)	
		ZZ	Mutually Defined	
	N104	67	Identification Code	C ID 2/17

Code identifying a party.

Carries the actual CAGE Code or the temporary CAGE Code assigned at time of registration.

Segment: **N2 Additional Name Information**
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	340
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N401 or N405 is required. 2 If N401 is present, then N402 is required. 3 If either N405 or N406 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	C AN 2/19
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	C ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <i>Use only when the "party's" address has no ZIP code but may have another type of postal code (e.g., in a foreign country).</i>	O ID 4/9
N404	26	Country Code Code identifying the country <i>A translation table will be required to convert those standard codes used by ANSI to those used by the DoD.</i>	O ID 2/2
Not Used	N405	309 Location Qualifier Code identifying type of location Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	C AN 1/25

Segment: **PER** Administrative Communications Contact
Position: 360
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If PER03 is present, then PER04 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		SU	Supplier Contact	
	PER02	93	Name	O AN 1/35
			Free-form name	
	PER03	365	Communication Number Qualifier	O ID 2/2
			Code identifying the type of communication number	
			<i>Communication from the buying activity will be by electronic mail to the electronic mail address from which the quote was received. Quoters at their option may provide additional communication numbers at which their contact can be reached.</i>	
		EM	Electronic Mail	
		FX	Facsimile	
		TE	Telephone	
	PER04	364	Communication Number	C AN 7/21
			Complete communications number including country or area code when applicable	
			<i>If the communications number is greater than 21 characters, repeat the PER segment to provide the remaining characters.</i>	

Segment: **PO1 Purchase Order Baseline Item Data**

Position: 010

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify basic and most frequently used purchase order line item data

Syntax Notes:

- 1 If PO105 is present, then PO104 is required.
- 2 If PO106 is present, then PO107 is required.
- 3 If PO108 is present, then PO109 is required.
- 4 If PO110 is present, then PO111 is required.
- 5 If PO112 is present, then PO113 is required.
- 6 If PO114 is present, then PO115 is required.
- 7 If PO116 is present, then PO117 is required.
- 8 If PO118 is present, then PO119 is required.
- 9 If PO120 is present, then PO121 is required.
- 10 If PO122 is present, then PO123 is required.
- 11 If PO124 is present, then PO125 is required.

Semantic Notes:

Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PO101	350 Assigned Identification	O AN 1/6
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>PO101 must contain the line item number assigned by the buying activity in the RFQ being quoted in this transaction. When quoting on multiple line items, use as many iterations of the PO1 segment as necessary.</i>	
Must Use	PO102	330 Quantity Ordered	M R 1/9
		Quantity ordered	
		<i>The quantity being quoted for the line item.</i>	
Must Use	PO103	355 Unit or Basis for Measurement Code	M ID 2/2
		Code identifying the basic unit of measurement.	
		<i>DoD uses DoD Manual 5000.12-M for unit of issue codes. These differ from the X12 DE 355 code list and must be translated from one to the other.</i>	
		Refer to 003010 Data Element Dictionary for acceptable code values.	

	PO104	212	Unit Price	C R 1/14
			Price per unit of product, service, commodity, etc.	
			<i>For the line item being quoted. The total amount of the line item (quantity x unit price) will be calculated by the application program.</i>	
Not Used	PO105	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO106	235	Product/Service ID Qualifier	O ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			<i>1. Use any code. 2. PO106 through PO125 (Product or Service ID Qualifier and Product or Service ID pairs) will be used, as required, to carry additional information regarding the product or service being quoted on in the particular iteration of the PO1 loop.</i>	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO107	234	Product/Service ID	C AN 1/30
			Identifying number for a product or service	
	PO108	235	Product/Service ID Qualifier	O ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO109	234	Product/Service ID	C AN 1/30
			Identifying number for a product or service	
	PO110	235	Product/Service ID Qualifier	O ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO111	234	Product/Service ID	C AN 1/30
			Identifying number for a product or service	
	PO112	235	Product/Service ID Qualifier	O ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO113	234	Product/Service ID	C AN 1/30
			Identifying number for a product or service	
	PO114	235	Product/Service ID Qualifier	O ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
	PO115	234	Product/Service ID	C AN 1/30
			Identifying number for a product or service	

PO116	235	Product/Service ID Qualifier	O ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003010 Data Element Dictionary for acceptable code values.	
PO117	234	Product/Service ID	C AN 1/30
		Identifying number for a product or service	
PO118	235	Product/Service ID Qualifier	O ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003010 Data Element Dictionary for acceptable code values.	
PO119	234	Product/Service ID	C AN 1/30
		Identifying number for a product or service	
PO120	235	Product/Service ID Qualifier	O ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003010 Data Element Dictionary for acceptable code values.	
PO121	234	Product/Service ID	C AN 1/30
		Identifying number for a product or service	
PO122	235	Product/Service ID Qualifier	O ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003010 Data Element Dictionary for acceptable code values.	
PO123	234	Product/Service ID	C AN 1/30
		Identifying number for a product or service	
PO124	235	Product/Service ID Qualifier	O ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003010 Data Element Dictionary for acceptable code values.	
PO125	234	Product/Service ID	C AN 1/30
		Identifying number for a product or service	

Segment: **PO3 Additional Item Detail**
Position: 030
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.

Semantic Notes:

Comments: 1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
 2 PO307 defines the unit of measure for PO306.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	PO301	371 Change Reason Code	M ID 2/2
		Code specifying the reason for price or quantity change	
		AQ Alternate Quantity and Unit of Measure	
		PC Pack Difference	
		QT Quantity Price Break	
		UM Unit of Measure Difference	
	PO302	373 Date	O DT 6/6
		Date (YYMMDD)	
		<i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
	PO303	236 Price Qualifier	C ID 3/3
		Code identifying pricing specification	
		PBQ Unit Price Beginning Quantity	
	PO304	212 Unit Price	O R 1/14
		Price per unit of product, service, commodity, etc.	
	PO305	639 Basis of Unit Price Code	C ID 2/2
		Code identifying the type of unit price for an item	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
Must Use	PO306	380 Quantity	M R 1/10
		Numeric value of quantity	
Must Use	PO307	355 Unit or Basis for Measurement Code	M ID 2/2
		Code identifying the basic unit of measurement.	
		<i>See note for PO103.</i>	
		Refer to 003010 Data Element Dictionary for acceptable code values.	

PO308	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format

Syntax Notes:
 1 If PID04 is present, then PID03 is required.
 2 At least one of PID04 or PID05 is required.

Semantic Notes:

Comments:
 1 When PID01 is "F", PID04 is not used.
 2 Use PID03 to indicate the organization that publishes the code list being referred to.
 3 PID04 should be used for industry-specific product description codes.
 4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
Must Use	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750 Product/Process Characteristic Code Code specifying the product or process characteristic being described. Refer to 003010 Data Element Dictionary for acceptable code values.	O ID 2/3
Not Used	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 2/2
Not Used	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	C ID 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content <i>1. When a PO1 qualifier used code SV, PID05 can carry an additional free-form description of the contracted services, if necessary. It may also be used for an explanation of a contract condition, in lieu of using the NTE segment.</i> <i>2. SF 18 Block 12b.</i>	C AN 1/80
Not Used	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment: **MEA** Measurements
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify physical measurements, including dimension tolerances, weights and counts.

Syntax Notes:

- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
- 2 If MEA03 is present, then MEA04 is required.
- 3 If MEA05 is present, then MEA04 is required.
- 4 If MEA06 is present, then MEA04 is required.
- 5 If MEA07 is present, then MEA03 is required.
- 6 Only one of MEA08 or MEA03 may be present.

Semantic Notes:

Comments:

- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *This segment can be used any time a measurement needs to be described for an item being quoted.*

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
MEA01	737 Measurement Reference ID Code	O ID 2/2
	Code specifying the application of physical measurement cited.	
	<i>Use any code.</i>	
	Refer to 003010 Data Element Dictionary for acceptable code values.	
MEA02	738 Measurement Qualifier	O ID 1/3
	Code identifying the type of measurement.	
	<i>Use any code.</i>	
	Refer to 003010 Data Element Dictionary for acceptable code values.	
MEA03	739 Measurement Value	C R 1/10
	The value of the measurement	
MEA04	355 Unit or Basis for Measurement Code	C ID 2/2
	Code identifying the basic unit of measurement.	
	<i>Use any code.</i>	
	Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	MEA05 740 Range Minimum	C R 1/10
	The value specifying the minimum of the measurement range	
Not Used	MEA06 741 Range Maximum	C R 1/10
	The value specifying the maximum of the measurement range	
Not Used	MEA07 935 Measurement Significance Code	O ID 2/2

Not Used	MEA08	936	Measurement Attribute Code	C ID 2/2
			Code used to benchmark, qualify or further define a measurement value Refer to 003010 Data Element Dictionary for acceptable code values.	
			Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	MEA09	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described Refer to 003010 Data Element Dictionary for acceptable code values.	

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 If PKG04 is present, then PKG03 is required. 2 At least one of PKG04 or PKG05 is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 PKG01 relates only to PKG04 and PKG05. When PKG01 is "F", PKG04 is not used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 PKG04 should be used for industry-specific packaging description codes. 5 Special marking or tagging data can be given in PKG05 (description).
Notes:	<ol style="list-style-type: none"> 1. A table might be required to convert DoD to ASC X12 packaging codes. 2. Segment is not used when the packaging is as requested, if special packaging requirements were indicated in the RFQ.

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	PKG01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
	PKG02	753 Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<ol style="list-style-type: none"> 1. Use any code. 2. Use code 35 for Unitizing; code 36 for Pack/Preservation; and code 37 for Packing. 	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
	PKG03	559 Agency Qualifier Code	C ID 2/2
		Code identifying the agency assigning the code values	
		DD Department of Defense	
		Responsible for Military Specification	
	PKG04	754 Packaging Description Code	C ID 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	
	PKG05	352 Description	C AN 1/80

A free-form description to clarify the related data elements and their content

When PKG04 carries a code indicating that the item is packed differently than required by the RFQ, explain in PKG05.

Segment: **PO4** Item Physical Details
Position: 090
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax Notes:**
- 1 If PO402 is present, then PO403 is required.
 - 2 If PO405 is present, then at least one of PO406 or PO407 is required.
 - 3 If PO408 is present, then PO409 is required.
 - 4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:

- Comments:**
- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
 - 2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	
		<i>SF 18 Block 12b.</i>	
PO402	357	Size	O R 1/8
		Size of supplier units in pack	
PO403	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement.	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO404	103	Packaging Code	O ID 5/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
		<i>These codes are X12 codes. A translation table will be required to convert them to DoD codes, to the extent that the DoD codes differ from the X12 Codes.</i>	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO405	187	Weight Qualifier	O ID 1/2
		Code defining the type of weight	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
PO406	384	Gross Weight per Pack	C R 1/9
		Numeric value of gross weight per pack	

PO407	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	
PO408	385	Gross Volume per Pack	O R 1/9
		Numeric value of gross volume per pack	
PO409	355	Unit or Basis for Measurement Code	C ID 2/2
		Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	
PO410	82	Length	C R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
PO411	189	Width	C R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
PO412	65	Height	C R 1/8
		Vertical dimension of an object measured when the object is in the upright position	
PO413	355	Unit or Basis for Measurement Code	O ID 2/2
		Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			<i>1. When REF01 is code CR, REF02 will carry the number of the Federal Supply Schedule in which the quoted item can be found.</i> <i>2. When REF01 is code CT, it will represent a contract other than a supply schedule, known to the quoter, from which the quoted item can be ordered. Give the contract number in REF02 and explain the nature of the REF03, if necessary.</i>	
			CR Customer Reference Number	
			CT Contract Number	
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **FOB** F.O.B. Related Instructions
Position: 180
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment

Syntax Notes:
 1 If FOB03 is present, then FOB02 is required.
 2 If FOB04 is present, then FOB05 is required.
 3 If FOB07 is present, then FOB06 is required.
 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:
 1 FOB01 indicates which party will pay the carrier.
 2 FOB02 is the code specifying transportation responsibility location.
 3 FOB06 is the code specifying title passage location.
 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Notes: *Use only when quoting other than FOB destination, at the line item level.*

Data Element Summary

Ref.	Data		Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
		DF	Defined by Buyer and Seller	
	FOB02	309	Location Qualifier	C ID 1/2
			Code identifying type of location	
			<i>1. Use code ZZ when the FOB point is other than origin or destination, (e.g., an intermediate point).</i>	
			<i>2. FO3 destination is assumed unless specified otherwise.</i>	
		OR	Origin (Shipping Point)	
		ZZ	Mutually Defined	
	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>When FOB02 is code ZZ, use FOB03 to describe the other location.</i>	
Not Used	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	FOB05	335	Transportation Terms Code	C ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility	
			Refer to 003010 Data Element Dictionary for acceptable code values.	

Not Used	FOB06	309	Location Qualifier Code identifying type of location Refer to 003010 Data Element Dictionary for acceptable code values.	C ID 1/2
Not Used	FOB07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes Refer to 003010 Data Element Dictionary for acceptable code values.	O ID 2/2
Not Used	FOB09	352	Description A free-form description to clarify the related data elements and their content	C AN 1/80

Segment: **DTM** Date/time/period
Position: 200
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Notes: *Quoted delivery date will be provided in this segment as an actual date or in the LDT segment as a set number of calendar days after receipt of order. If the latter is used, omit this segment.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			<i>1. Use code 036 to indicate the expiration date of a Federal Supply Schedule or contract.</i>	
			<i>2. Code 075, the delivery date being quoted, should be used only when the quoted delivery date will be less than the required delivery date specified in the RFQ, applies to the entire line and the delivery date is not defined in segment LDT. Use the SCH segment if deliveries for a line item will differ by quantity or date.</i>	
		036	Expiration	
			Date coverage expires	
		075	Promised for Delivery (Prior to and Including)	
	DTM02	373	Date	C DT 6/6
			Date (YYMMDD)	
			<i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
Not Used	DTM03	337	Time	C TM 4/4
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003010 Data Element Dictionary for acceptable code values.	

Segment: **LDT** Lead Time
Position: 210
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services

Syntax Notes:

Semantic Notes:

Comments: 1 LDT04 is the effective date of lead time information.

Notes:
1. This segment should be used when the quoted delivery dates will be less than the required delivery date specified in the RFQ. In this case, use code "AF" for the Quoted Delivery Date.
2. Quoted delivery date will be provided in this segment as a set number of days after receipt of order or in the DTM segment as an actual date. If the latter is used, omit this segment.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LDT01	345 Lead Time Code Code indicating the time range AF From date of PO receipt to delivery	M ID 2/2
Must Use	LDT02	380 Quantity Numeric value of quantity	M R 1/10
Must Use	LDT03	344 Unit of Time Period or Interval Code indicating the time period or interval DA Calendar Days	M ID 2/2
Not Used	LDT04	373 Date Date (YYMMDD)	O DT 6/6

Segment: **SCH** Line Item Schedule
Position: 220
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 104
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: 1 If SCH03 is present, then SCH04 is required.
 2 If SCH09 is present, then SCH08 is required.

Semantic Notes:**Comments:** 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.**Notes:** *Use only to describe a lesser partial delivery at the line item level.***Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	SCH01	380 Quantity	M R 1/10
		Numeric value of quantity	
Must Use	SCH02	355 Unit or Basis for Measurement Code	M ID 2/2
		Code identifying the basic unit of measurement. Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98 Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity or a physical location. Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	SCH04	93 Name	C AN 1/35
		Free-form name	
Must Use	SCH05	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time <i>The promised delivery date.</i>	
		Refer to 003010 Data Element Dictionary for acceptable code values.	
Must Use	SCH06	373 Date	M DT 6/6
		Date (YYMMDD) <i>All dates specified herein employ the bridging (windowing or 49/50 rule) application.</i>	
Not Used	SCH07	337 Time	O TM 4/4
		Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
Not Used	SCH08	374 Date/Time Qualifier	C ID 3/3
		Code specifying type of date or time, or both date and time Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	SCH09	373 Date	O DT 6/6
		Date (YYMMDD)	

Not Used **SCH10** **337** **Time** **O** **TM 4/4**
Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

Segment: **CTT Transaction Totals**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If CTT03 is present, then CTT04 is required.
 2 If CTT05 is present, then CTT06 is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			<i>Total number of POI segments.</i>	
	CTT02	347	Hash Total	O R 1/10
			Sum values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			<i>CTT02 is the sum of the value of the quantities quoted (PO102) for the total number of POI segments.</i>	
			<i>Example:</i>	
			<i>-.0018 First occurrence of value being hashed..</i>	
			<i>.18 Second occurrence of value being hashed.</i>	
			<i>1.8 Third occurrence of value being hashed.</i>	
			<i>18.01 Fourth occurrence of value being hashed.</i>	

			<i>1855 Hash total prior to truncation</i>	
			<i>855 Hash total after truncation to three-digit field</i>	
Not Used	CTT03	81	Weight	O R 1/8
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	C ID 2/2
			Code identifying the basic unit of measurement.	
			Refer to 003010 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	O R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	Unit or Basis for Measurement Code	C ID 2/2

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **AMT** Monetary Amount
Position: 015
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

- 1 If AMT is used in the detail area of transaction set 850, 855, 860 or 865, AMT02 will indicate total line amount as calculated by the sender. If AMT is used in the summary area of transaction set 850, 855, 860 or 865, AMT02 will indicate total transaction amount as calculated by the sender.
- 2 If segment AMT is used in Table 2 of the 850, 855, 860 or 865 transaction sets, then AMT01 = 01. If it is used in Table 3 of those transaction sets, then AMT01 = TT.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount <i>1. Code TT will represent the total amount quoted. 2. When code TT is used, it is that amount upon which the manufacturer/regular dealer certification is made, if over \$10,000. See the PWK segment in Table 1 of this transaction set.</i>	M ID 1/2
			TT Total Transaction Amount	
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/15

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			<i>This is the same number as appears in ST02.</i>	